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Graphite, Microstructure, Carbon, Silicon, Melting,
Temperature,

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Porous materials, *Nylon coatings, Adhesives, Synthetic
rubber, Phenolic plastics.

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paste layer consisting of the solution of hardening
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second paste layer consisting of the nylon solution con-
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*Single crystals, Electrons, Drift, Photoelectric
effect.

Silver chloride crystals with a different history were
tested with an impulse technique, utilizing the print-
out effect, to determine the drift mobility and the
mean life span of photoelectrons. The life span of the
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pared crystals it was less than 10^{-7} sec.: in crystals
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<p>Suez, Bernard P. and Wuhrmann, Jean J. SPECTROSCOPIC STUDY OF COMPLEXES FORMED BY LEWIS ACIDS. IV. INFRARED ABSORPTION SPECTRUM OF ADDITION COMPOUNDS OF ALUMI- NUM CHLORIDE WITH ACETYL AND MESITOYL CHLORIDES (Etude Spectroscopique des Complexes Formés par les Acides de Lewis. IV. Spectre d'absorption Infra-rouge des Composés d'addition du Chlorure d'Aluminium avec les Chlorures d'Acetyl et de Mesitoyle). [1960] [15]p. 39 refs. Order from SLA m\$2.40, ph\$3.30 61-10482</p> <p>Trans. of Helv[etica] Chim[ica] Acta (Switzerland) 1957, v. 40 [no. 4] p. 971-980.</p> <p>The authors describe the preparation of addition com- pounds of acetyl and mesitoyl chlorides with Al_2Cl_6 obtained in the form of almost colorless solids whose infrared spectrum has been determined. The absence in these spectra of the frequencies $(\text{C}=\text{O})$ (1802 and 1775 cm^{-1}), and $(\text{C}-\text{Cl})$ (593 and 613 cm^{-1}) as well as (Physics--Spectroscopy, TT, v. 5, no. 6) (over)</p>	<p>61-10482</p> <p>I. Complex compounds-- Spectrographic analysis 2. Chlorides--Spectra 3. Title: Lewis acids I. Suez, B. P. II. Wuhrmann, J. J. III. Title: Infrared...</p>	
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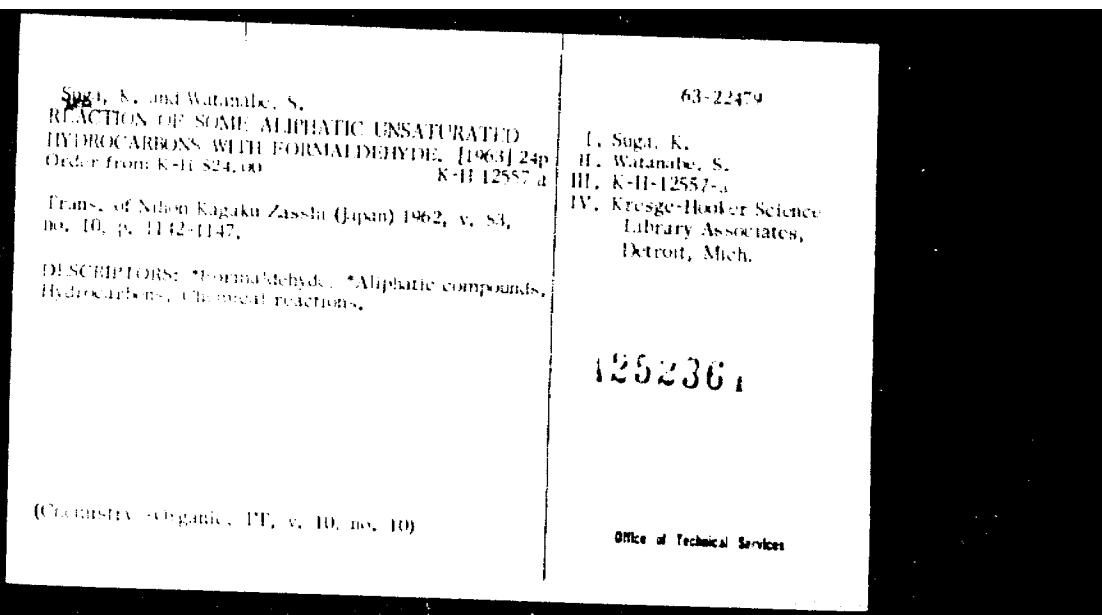
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II. Iwasaki, T.

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DESCRIPTORS: *Fuels, *Coal, *Cyclone furnaces,
*Combustion, Slags, Ash, Effectiveness, Design,
Economics.

The paper is devoted to the comprehensive discussion
of economical methods of firing low grade coal by
means of the cyclone, with special reference to the
raising of the firing temperature, the lowering of the
slag fusion temperature, etc., by a mixture of good
grade coal, an addition of lime stones and heat
recovery of the slag and the effective utilization of the
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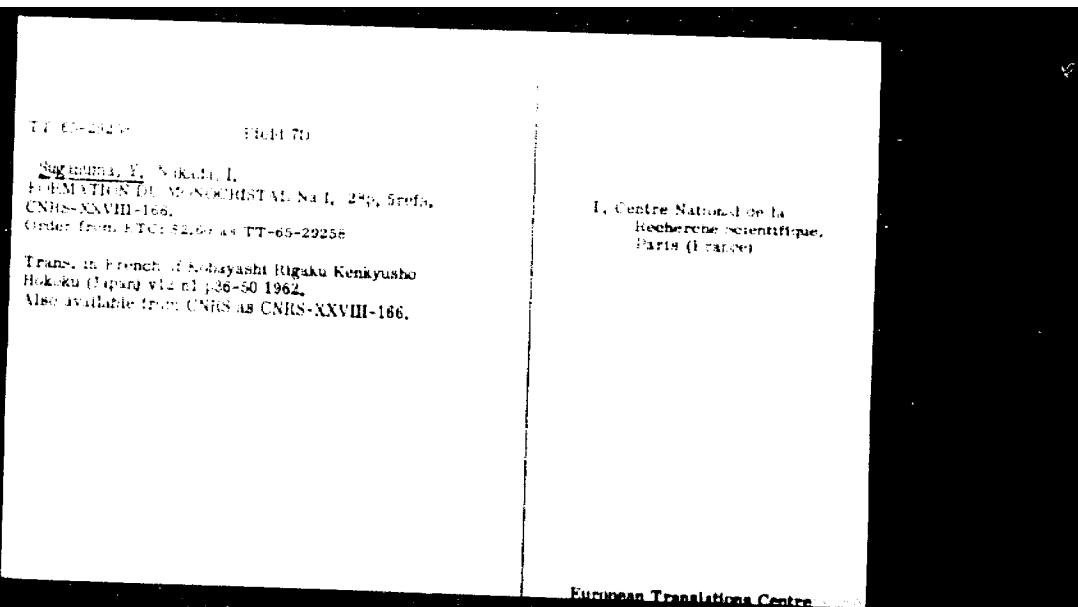
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